

Title (en)
SUBSTITUTED ALUMINOSILICATE COMPOSITIONS AND PROCESS FOR PREPARING SAME

Publication
EP 0183725 B1 19920408 (EN)

Application
EP 85902354 A 19850426

Priority
US 60417984 A 19840426

Abstract (en)
[origin: WO8504854A1] Molecular sieve compositions are prepared by extracting aluminum and substituting titanium and/or iron for extracted aluminum to give molecular sieve products containing framework titanium and/or iron atoms. The process of preparing the titanium and/or iron-containing molecular sieves involves contacting a starting zeolite with a solution or slurry of a fluoro salt of titanium and/or iron under effective process conditions to provide for aluminum extraction and substitution of titanium and/or iron.

IPC 1-7
B01J 29/06; C01B 33/34; C07C 2/54; C07C 5/02; C07C 5/22; C07C 5/41; C10G 11/05; C10G 35/095; C10G 49/08

IPC 8 full level
C10G 11/05 (2006.01); **B01J 29/06** (2006.01); **B01J 29/50** (2006.01); **B01J 29/88** (2006.01); **B01J 29/89** (2006.01); **C01B 39/00** (2006.01); **C01B 39/04** (2006.01); **C01B 39/06** (2006.01); **C01B 39/24** (2006.01); **C01B 39/26** (2006.01); **C01B 39/30** (2006.01); **C01B 39/38** (2006.01); **C07B 61/00** (2006.01); **C07C 1/00** (2006.01); **C07C 2/12** (2006.01); **C07C 2/54** (2006.01); **C07C 4/18** (2006.01); **C07C 5/02** (2006.01); **C07C 5/22** (2006.01); **C07C 5/25** (2006.01); **C07C 5/29** (2006.01); **C07C 5/41** (2006.01); **C07C 6/12** (2006.01); **C07C 9/02** (2006.01); **C07C 9/14** (2006.01); **C07C 11/02** (2006.01); **C07C 13/02** (2006.01); **C07C 15/02** (2006.01); **C07C 67/00** (2006.01); **C10G 35/095** (2006.01); **C10G 45/12** (2006.01); **C10G 45/54** (2006.01); **C10G 45/64** (2006.01); **C10G 47/16** (2006.01); **C10G 49/08** (2006.01); **C10G 50/00** (2006.01)

IPC 8 main group level
B01J (2006.01); **C01B** (2006.01)

CPC (source: EP US)
B01J 29/88 (2013.01 - EP US); **B01J 29/89** (2013.01 - EP US); **C01B 39/065** (2013.01 - EP US); **C07C 2/12** (2013.01 - EP US); **C07C 2/54** (2013.01 - EP US); **C07C 5/02** (2013.01 - EP US); **C07C 5/222** (2013.01 - EP US); **C07C 5/41** (2013.01 - EP US); **C10G 45/12** (2013.01 - EP US); **C10G 45/54** (2013.01 - EP US); **C10G 45/64** (2013.01 - EP US); **C10G 47/16** (2013.01 - EP US); **C10G 50/00** (2013.01 - EP US); **C07C 2529/88** (2013.01 - EP US); **C07C 2529/89** (2013.01 - EP US)

Cited by
US5401488A; US5186918A; KR100889958B1

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WO 8504854 A1 19851107; AT E74572 T1 19920415; AU 4298085 A 19851115; AU 579865 B2 19881215; BR 8506686 A 19860415; CA 1267402 A 19900403; DE 3585822 D1 19920514; DK 605485 A 19860226; DK 605485 D0 19851223; EP 0183725 A1 19860611; EP 0183725 B1 19920408; JP H0479980 B2 19921217; JP S61502119 A 19860925; MX 166465 B 19930111; US 4892720 A 19900109

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